

# Converting Colors

Decimal(14870476)

Have a look what the booklet for  
Decimal(14870476) contains.

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# **Color**

**Decimal(14870476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E7CC
RGB	226, 231, 204
RGB Percent	89%, 91%, 80%
CMY	0.1137, 0.0941, 0.2000
CMYK	0.02, 0.00, 0.12, 0.09
HSL	71°, 36%, 85%
HSV	71°, 12%, 91%
XYZ	70.8390, 77.6802, 68.3869
YIQ	226.4270, 5.6870, -9.4570

# Conversions

## Conversions Part 2

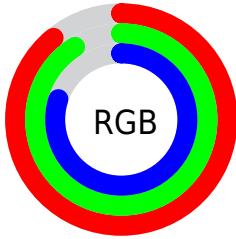
Format	Color
<a href="#">RYB</a>	<a href="#">204, 231, 209</a>
Decimal	<a href="#">14870476</a>
CIELab	<a href="#">90.63, -6.30, 12.57</a>
CIELCh	<a href="#">91, 14.063, 116.606</a>
Yxy	<a href="#">77.6802, 0.3266, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4293060556</a> ( <a href="#">0xFFE2E7CC</a> )
YUV	<a href="#">226.4270, -11.0565, -0.3745</a>
Hunter-Lab	<a href="#">88.1364, -10.7705, 15.6911</a>

# Details

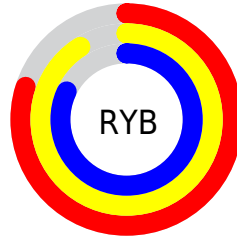
The Decimal color **14870476** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **13749479**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777215**, and **11251606** is the 20% darker color. If you saturate the color by 10%, you get **14608309**, and if you desaturate by 10%, it is **15132643**.

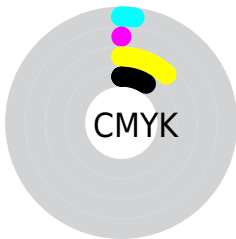
# Distribution



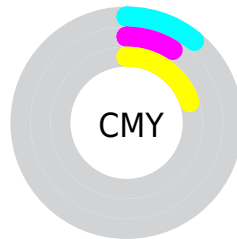
- Red (89%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14870476 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 14870476 by changing the saturation by 10% instead.



■ 14870476

16777215

■ 14870476

■ 13028273

■ 11251606

■ 9475452

■ 7764835

■ 6185547

■ 4606516

■ 3093535


■ 1777416

■ 1024

 14870476

 14870476

 14608309

 15132643

 14280606

 15460346

 14018439


 15722495

 13756272

 15984639

 13494105

 16246783

 13166401

 16574463

 12904234

 16771071

 12642067

 12379904

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15852490



14870476



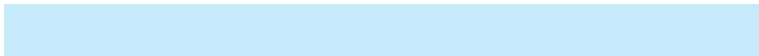
13888213

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14870476



13101818



16767974

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14870476



13749479

# Split Complementary

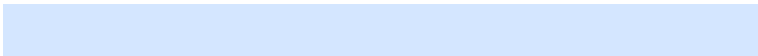
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16113139



14870476



13952767

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14870476



12774640



15065596



16768217

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14870476



13298909



15065596



16571627



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14870476



16646133



15192524



8290425



0



8421504

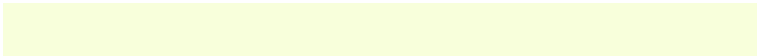


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14870476



16318427



14018508



7435111



9548544



2765568



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13749479



14867455



14601447



6907763



2162867

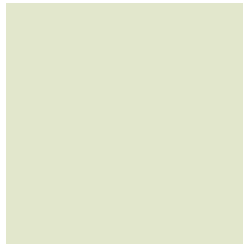


589875



# Previews

## White Background



This preview shows how the Decimal color 14870476 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 14870476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

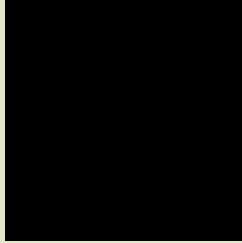
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

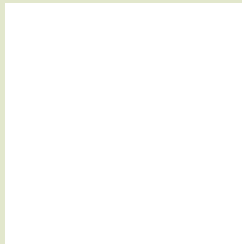
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14870476 Background



This preview shows how black text looks on a background with the Decimal color 14870476.

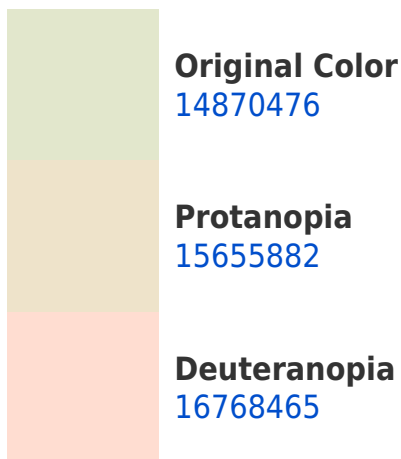


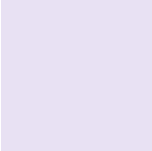
This preview shows how white text looks on a background with the Decimal color 14870476.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

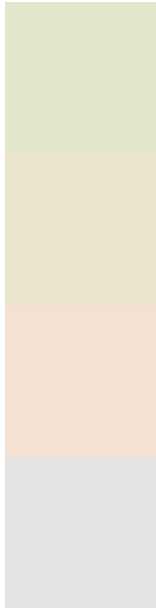
## Dichromacy





**Tritanopia**  
15262195

# Trichromacy



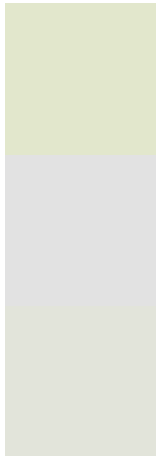
**Original Color**  
14870476

**Protanomaly**  
15393995

**Deuteranomaly**  
16048591

**Tritanomaly**  
15131621

# Monochromacy



**Original Color**  
14870476

**Achromatopsia**  
14869218

**Achromatomaly**  
14869722

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14870476 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E2E7CC looks like.

```
.text, #text, p{  
    color:#E2E7CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E2E7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E7CC
}
```

## Border

The CSS property to change the border of an element to Decimal 14870476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2E7CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E2E7CC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E2E7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E7CC; -webkit-box-shadow:4px 4px  
4px 4px #E2E7CC; box-shadow:4px 4px 4px  
4px #E2E7CC }
```

# Background

The CSS property to change the background color of an element to Decimal 14870476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E7CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E2E7CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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